

N<sup>o</sup>-12.

Sept'r 1<sup>st</sup> 1889

Sept'r 11<sup>th</sup> 1889.

Dr 3079 to 3093.

Hyd 1964 to 2049.

Copy Sigsbee. Turns 4780.  
Correction Table. No 2. Reel. Correction 253.

Cor.	Turns.	Cor.	Turns.	Cor.	Turns.
0	50	37	1800	141	3550
0	100	39	1850	145	3600
0	150	41	1900	150	3650
1	200	43	1950	154	3700
1	250	45	2000	158	3750
1	300	47	2050	162	3800
2	350	50	2100	167	3850
2	400	53	2150	171	3900
3	450	55	2200	175	3950
3	500	57	2250	179	4000
4	550	60	2300	184	4050
5	600	63	2350	188	4100
5	650	66	2400	193	4150
6	700	68	2450	197	4200
7	750	71	2500	202	4250
8	800	74	2550	206	4300
9	850	77	2600	211	4350
10	900	80	2650	216	4400
11	950	83	2700	221	4450
12	1000	86	2750	225	4500
13	1050	89	2800	230	4550
14	1100	92	2850	235	4600
15	1150	95	2900	240	4650
16	1200	99	2950	245	4700
18	1250	102	3000	250	4750
19	1300	106	3050	253	4780
21	1350	109	3100		
22	1400	113	3150		
24	1450	116	3200		
25	1500	120	3250		
27	1550	123	3300		
29	1600	127	3350		
31	1650	131	3400		
33	1700	135	3450		
35	1750	138	3500		

# Tanner

384 turns on reel.

Turns-16 to 38	+ 1.	
39-70	+ 2.	
71-105	+ 3.	
106-142	+ 4.	
143-190	+ 5.	
191-260	+ 6.	
261-384	+ 7.	

## Abbreviations-

Ab'v'n.		Ab'v'n.	
C.	Clay.	ers.	Coarse.
Co.	Coral.	fine.	Fine.
		hrd.	Hard.
G.	Gravel.	lrg.	Large.
Glob.	Globigerina.	cky.	Rocky.
M.	Mud.	sft.	Soft.
Oz.	Ooze.	sm.	Small.
P.	Pebbles.	stk.	Sticky.
		bk.	Black.
R.	Rocks.	br.	Brown.
S.	Sand.	bu.	Blue.
Sh.	Shells.	choc.	Chocolate.
sp.	Specks.	dk.	Dark.
St.	Stones.	gn.	Green.
brk.	Broken.	rd.	Red.
gy.	Gray.	slat.	Slate.
lt.	Light.	yl.	Yellow.
Wh.	White.		

Last Numbers-

Hydros. 1963.

Dredge. 3078.

Swans Fountain Pen  
Sept. 14<sup>th</sup> 1889.

N.C.S.

No. 1964 Hydro. Date Sept. 1<sup>st</sup> 1889.

Tanner Machine. — Reel.

Turns 74 Cor. + 3. Depth 77 fms

Shot or lead 25 lbs.

Bottom P.

Bottom temperature 46.1°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.8°

Air 59° Surface 59° Drift:

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.25.05	27.00	0		
25.35	11.25.50	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. 1965 Hydro. Date Sept. 1<sup>st</sup> 1889.

Tanner Machine. — Reel.

Turns 76 Cor. + 3 Depth 79 fms.

Shot or lead 25 lbs.

Bottom mky

Bottom temperature 45.9°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.6°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

12.09.10

11.15

09.50

12.10.00

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

# DREDGE ROPE.

DOWN.

UP.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



507

No. 1966 Hydro. Date Sept. 1<sup>st</sup> 1889.

Janner Machine. — Reel.

Turns 169 Cor. + 5 Depth 174 fms.

Shot or lead 25 lbs.

Bottom gn. M. - fine gy. S.

Bottom temperature 43.9°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 43.6°

Air 60° Surface 60° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.22.20

27.12

0

23.15

25.30

100

24.00

12.24.15

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Hy. 1967

Date

Sept 11/86

Tanner

Machine. — Reel.

Turns

85

Cor. +

18

Depth

103

Shot or lead

25 lbs

Bottom

Rky.

Bottom temperature

45.5

No. of Thermometer

51451

Cor. - 0

Corrected temperature

45.5°

Air

60

Surface

60

Drift.

Trawl or dredge or tangles

—

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

12-07-0

12-40-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1968* Date *Sept 1 189*

*Danner* Machine. — Reel.

Turns *4* Cor. + *3* Depth *72*

Shot or lead *25 lbs*

Bottom *Coar 25 lb Lead*

Bottom temperature *45.2*

No. of Thermometer *51451* Cor. *-0.3*

Corrected temperature *45.2*

Air *62* Surface *60* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*12-49-15* *12-51-15*

TURNS.

DREDGE ROPE.

DOWN.

UP.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

*Long line paid 2 Coar. 1000*  
*25 lb. lead*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1969* Date *Sept-1/89.*

*Tanner* Machine. — Reel.

Turns *76* Cor. + *3* Depth *79*

Shot or lead *25 lbs.*

Bottom *gy S M Y S.*

Bottom temperature *46*

No. of Thermometer *514/51* Cor. *-0.3°*

Corrected temperature *45.7°*

Air *62* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*P. M.**1-07-0**1-09-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *1910*

Date

*Sept 1897**Cashner*

Machine. — Reel.

Turns *150* Cor. + *5* Depth *155*Shot or lead *25 lbs.*Bottom *Y.S.*Bottom temperature *44*No. of Thermometer *51151* Cor. *-0.2*Corrected temperature *43.7°*Air *62* Surface *60* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

<i>P. M.</i>	DOWN.	UP.		DOWN.	UP.
	<i>1-38-30</i>	<i>43-0</i>	0		
	<i>10-0</i>		100		
	<i>-0</i>	<i>1-41-30</i>	<i>155</i>		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1471* Date *Sept 11/97*

Machine. — Reel.

Turns *135* Cor. + *4* Depth *139*Shot or lead *25 lbs.*Bottom *bk S & M*Bottom temperature *44.2*No. of Thermometer *51451* Cor. *-0.3*Corrected temperature *43.9*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*1-52-30**56-15*

0

*54-15**1-54-30*

100

*3.9*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1972

No. *Hy. 1972* Date *Sept 1/89*

*Tanner* Machine. — Reel.

Turns *120* Cor. + *4* Depth *124*

Shot or lead *25 lbs*

Bottom *bk gy m*

Bottom temperature *40*

No. of Thermometer *72451* Cor. *0.3*

Corrected temperature *44.7*

Air *0.2* Surface *0.2* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*2-5-0* *8-30*  
*6-0* *2-6-30*

TURNS.

DREDGE ROPE.

DOWN.

UP.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Ag. 1973* Date *11/59**Tanner* Machine. — Reel.Turns *87* Cor. + *3* Depth *90*Shot or lead *25 lbs.*Bottom *gy. m. Y S*Bottom temperature *45.8*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.5°*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
<i>21-30</i>	<i>21-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Hy. 1944*Date *Sept 11, 1901*

Machine. — Reel.

Turns *75* Cor. + *3* Depth *78*Shot or lead *25 lbs.*Bottom *fk gy S*Bottom temperature *46*No. of Thermometer *5145-1* Cor. *-0.3°*Corrected temperature *45.7°*Air *62* Surface *62* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 141

Date

Sept 1/89.

Machine. — Reel.

Turns 68 Cor. + 2 Depth 70

Shot or lead 25 lbs

Bottom lo. v. G.

Bottom temperature 46

No. of Thermometer 51451 Cor. - 0.3

Corrected temperature 45.7

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-50-30	4-52-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1946* Date *Sept 1, 1911*

Machine. — Reel.

Turns *68* Cor. + *2* Depth *70*Shot or lead *35 lbs.*Bottom *G.*Bottom temperature *46*No. of Thermometer *51451* Cor. - *0.3°*Corrected temperature *45.7°*Air *60* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

*1-001*  
*3-4-0* *3-6-0*

## TURNS.

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

## DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1977* Date *Sept 1, 1900**anner* Machine. — Reel.Turns *65* Cor. + *2* Depth *67*Shot or lead *25 lb*Bottom *gn m r s*Bottom temperature *46*No. of Thermometer *51451* Cor. *0.2*Corrected temperature *45.7°*Air *60* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*U. 111*  
*B-17-0**B-19-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Hy. 1978* Date *Sept 1/89.**minor* Machine. — Reel.Turns *59* Cor. + *2* Depth *61*Shot or lead *25 lb.*Bottom *Rky & brk Sh.*Bottom temperature *46*No. of Thermometer *51451* Cor. *0.1*Corrected temperature *45.7°*Air *60* Surface *59* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*P.W.**19-11-30**3-03-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3079 Date

Machine. — Reel.

Turns 53 Cor. + 2 Depth 55

Shot or lead 25 lbs

Bottom Rky

Bottom temperature 47

No. of Thermometer 51451 Cor.

Corrected temperature 46.7°

Air 60 Surface 59 Drift. 1 m 11/8 N 1/8 E

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

3-49-30	3-51-0	0	4-21-0	4.20.01
		100	05-30	17
		200		4.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lowered down at 3.55, which netted and at 5.24, having caught - mix -

3-49-30 3-51-0 0 4-21-0 4.20.01

100 05-30 17

200 4.15

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*Under the surface of the water, the temperature was 25.00 at 25 fathoms, 24.00 at 50 fathoms, 23.00 at 100 fathoms, 22.00 at 200 fathoms, 21.00 at 300 fathoms, 20.00 at 400 fathoms, 19.00 at 500 fathoms, 18.00 at 600 fathoms, 17.00 at 700 fathoms, 16.00 at 800 fathoms, 15.00 at 900 fathoms, and 14.00 at 1000 fathoms.*

No. 1

Date Jan 21 1887

Machine. — Reel.

Turns 50

Cor. + 5

Depth 55

Shot or lead 25 lbs.

Bottom Co. Rky

Bottom temperature 47.5

No. of Thermometer 5145

Cor. 0.25

Corrected temperature 47.25

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

5.10 stopping  
 5.25. Ca. 1 Red Rock 3rd -  
 5.30. Ca. 1 Red Rock 3rd -

Drift while fishing 1 mile S.E. 1/2 S.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

18080

Date

Sept-1/89

Machine. — Reel.

Turns 90 Cor. + 3 Depth 93

Shot or lead 25 lbs.

Bottom gn m.

Bottom temperature 45.2

No. of Thermometer 51451 Cor.

Corrected temperature 45.6

Air 64 Surface 60 Drift. 1 1/2 mi S 1/4 E

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.W.

6-45-0 0-45-0

0

6-47-30 38-0

100

12-30 34-0

200

14-30 14-24-30

250

300

16-30

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

100 fms. - *Hesperis*. 1 *Black Cod* -  
 3 species *Rock Fish* - Many small  
 1 *Clutter Cod*. Several other small species.  
 Many specimens - Many large *Clutter Cod*.  
 Numerous other invertebrates.



507  
No. 3081 Dredge Date

Turner Machine. Reel.

Turns 59 Cor. + 2 Depth 61

Shot or lead 25 lbs.

Bottom an. M. & S.

Bottom temperature 46.1°

No. of Thermometer 5145 Cor. 0°

Corrected temperature 45.8°

Air 60° Surface 58° Drift 1/4' S.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

51.25

52.25

51.40

8.51.50

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

8.55.00

38.30

51.25

39.00

51.40

39.30

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

6 fms. - *Stauroneis* REMARKS Plentiful, about 100  
Black Cod. 4 other species of fish.  
Crabs - *Libinia* *halothyrax* numerous  
Prawns - *Stomatopoda* *Stomatopoda*  
Sea Anemones. Penatulas.

No.

5082

Date

Sept. 4/87

Tanner

Machine. — Reel.

Turns 41 Cor. + 2 Depth 43

Shot or lead 25 lbs

Bottom fine gy S

Bottom temperature 46.5

No. of Thermometer 51451 Cor.

Corrected temperature 46.2°

Air 59 Surface 57 Drift. 3 mi N. N. W.

Trawl or dredge or tangles large beam

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

4 m

5-22-0

5-23-15

0

5-26-3

50-30

100

34-3

5-46-0

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

At 5.51 pm. 8 fms. in  
 caught with  
 hauled in. time 6.05-

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

*Surface* REMARKS.

No.

5083

Date

Oct 21/91

Machine. — Reel.

Turns 31 Cor. + 1 Depth 32

Shot or lead 25 lbs

Bottom fine gy S. bk. M.

Bottom temperature 48.1

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 47.8°

Air 57 Surface 56 Drift. 7.0 N 1.0 E

Trawl or dredge or tangles Large Benthic

## SOUNDING WIRE.

DOWN.

UP.

7-2-0

7-3-0

## TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

7-2-0

7-26-0

at 1500 fms. small hard fish  
 1100 fms. 1100 fms. 1100 fms.  
 9 fms. down 1100 fms.  
 2 1/2 fms. down 1100 fms.

2 Long. 1100 fms. down  
 Hauled in leads at 1100 fms.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1980 *H. L. L.* Date *July 2**Hand* *Reel* Machine. — Reel.

Turns — Cor. + — Depth

Shot or lead 14

Bottom

Bottom temperature

No. of Thermometer — Cor.

Corrected temperature

Air 56° Surface 56° Drift. —

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 1981 Hydro. Date Sept. 2<sup>d</sup> 1911,

Tanner Machine. — Reel.

Turns 75 Cor. + 1

Depth 24 fms.

Shot or lead 20 lbs.

Bottom *etc.*

Bottom temperature 44.9, 1°

No. of Thermometer 51451 Cor.

Corrected temperature  $48.8^{\circ}$

<i>Air</i>	58°	<i>Surface</i>	52°	<i>Drift.</i>
------------	-----	----------------	-----	---------------

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.40.40	41.40	0		
40.50	9.41.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

50844

Date Sept 2

Answer

*Machine.*

Recl.

Turns 44 Cor. + 2 Depth 46

Shot or lead 75 lbs.

Bottom fine ss. S. bk. M.

Bottom temperature( 472

No. of Thermometer 545, Cor.  $-0.3^{\circ}$ 

Corrected temperature 46.9°

Air 59 Surface 58 Drift. 1½' N. E. (2)

Trawl or dredge or tangles 6.000 12

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0.00				
12-13-0	12-14-0	0	12-19-0	45-30
		100	22-00	
		200	28-30	12-41-0
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

*For 17.5 m. depth, 1.5 m. from  
 surface. 1.5 m. from surface  
 1.5 m. from surface 0.5 m. from surface*

*No.*

1990年10月

Turns 30 C

Shot or lead 25 lb

Bottom fine gg. S

Bottom temperature 45

No. of Thermometer 51451 Cor.

Corrected temperature 47.7

Air 60 Surface 59 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-21-10		0		
11-21-10		100		
11-21-10		200		
11-21-10		300		
11-21-10		400		
11-21-10		500		
11-21-10		600		
11-21-10		700		
11-21-10		800		
11-21-10		900		
11-21-10		1000		
11-21-10		1100		
11-21-10		1200		
11-21-10		1300		
11-21-10		1400		
11-21-10		1500		
11-21-10		1600		
11-21-10		1700		
11-21-10		1800		
11-21-10		1900		
11-21-10		2000		
11-21-10		2100		
11-21-10		2200		
11-21-10		2300		
11-21-10		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Ny 1983* Date *(June 1903)*

Machine. — Reel.

Turns Cor. + Depth *19*

Shot or lead *Hand 14 lbs.*

Bottom *fine g.s.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *62* Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*P.W. 3-45-0*

0  
100  
200  
300  
400  
500  
600  
700  
800  
900  
1000  
1100  
1200  
1300  
1400  
1500  
1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300  
2400

*At 3:45 Put over 11 fathoms line  
Close 9 ft - 3 Ling.  
3 13 ft Good*

*Hauled in line at 4:20 -*

*2 Rod "*

*Cape Codded line N 1/2 E 1/2 way det. 2 1/2 -*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.



133

12 mo.

 $t_1 =$ 

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M.				
4.28.00	4.28.20	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. 1915 *Hydra* Date *Sept. 2<sup>d</sup>*

*Machine.* — *Reel.*

Turns 30 Cor. + 1 Depth *31 fms*

Shot or lead 20 lbs-

Bottom *Wh. S. bk. sp. sh*

Bottom temperature 48.1°

No. of Thermometer 51451 Cor.

Corrected temperature 47.8°

Air *55* Surface *54* Drift.

Trawl or dredge or tangles

Dredge fishing & trawling commenced at 5:35 & stopped at 7:11  
 Catch - 1 Orange-red Crab

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

38. 25

39. 30

0

38. 35

5. 38. 45

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Cape Pipitina bore E. N. E. (mag)

distant 4.0-

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3085

Date

Sept 21 86

Tanner Machine. — Reel.

Turns 40 Cor. + 2

Depth 1/2

Shot or lead 20 lbs.

Bottom fine gg. s. mgy

Bottom temperature 46

No. of Thermometer 51457 Cor. - 0.3°

Corrected temperature 45.7°

Air 58 Surface 66 Drift. 1/2 m N 1/4

Trawl or dredge or tangles Large Beam

## SOUNDING WIRE.

DOWN.

UP.

8-25-0 8-27-30

TURNS.

## DREDGE ROPE.

DOWN.

UP.

8-28-0 9-0-0

38-0 8-54-0

100

150

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Machine Light for A.C. 516/ma

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

One Filivander.  
 A few Prawn & Starfish.  
 Trawl was torn and nearly  
 empty except.

No. 3086 Dredge Date

Tanner Machine. — Reel.

Turns 44 Cor. + 2 Depth

Shot or lead 22 lb

Bottom fine g. s. M. N.

Bottom temperature 46.5°

No. of Thermometer 51451 Cor.

Corrected temperature 46.3°

Air Surface Drift 1 1/4 N. 1/2 E.

Trawl or dredge or tangles large beam

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

Sigsbee Light 10.5.

5.03.00

5.03.00

0

5.03.30

100

5.14.15

50

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

1 species *Glounders* - shells  
 2 *Squid*, small - 1 other fish.



No. 1986 Hydro. Date Sept. 3<sup>rd</sup> 1886

Tanner Machine. — Reel.

Turns 42 Cor. + 2 Depth 44 fms.

~~Shot or lead~~ 20 lbs.

Bottom

Bottom temperature

No. of Thermometer 51451 Cor.

Corrected temperature 47.5

Air 66° Surface 54° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

4.10

5.44.20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

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300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1989 Hydro. Date Sept 21 1887

Tanner Machine. Reel.

Turns 41 Cor. + 21 Depth

Shot or lead 20 lbs.

Bottom f.

Bottom temperature 46.5

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 46.2

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	50	0		
41		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
	10	1500		
	10	1600		
	10	1700		
	10	1800		
	10	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

3 17 min

1 Black 10.5

1 10

St. J. &amp; H. C. 1

Stagnant light waves 1/2 mile

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

502  
H.C.

No. 911 Hydro, Date Sept. 3<sup>d</sup> 1889.

Tanner Machine. — Reel.

Turns 31 Cor. + 1 Depth 32 fms.

Shot or lead 20 lbs.

Bottom bk. S.

Bottom temperature 47.0°

No. of Thermometer 5145 Cor. - 0.3

Corrected temperature 46°

Air 56° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

A.M.

7.23.00

24.05

0

23.15

7.23.25

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7.25.00

7.25.00  
Hauled in at 7.50  
Catch - 45  
Trawl 40 fms

2 2 1  
Ring or 2  
Black Cod  
Blue wing shark

Mar. 11th Light House for N. E. (Wing)

Distant 8 1/2 miles

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Ny. 1929* Date *Sept 2/89*

Machine. — Reel.

Turns *43* Cor. *1* *2* Depth *45*Shot or lead *30 lb*Bottom *gy S*Bottom temperature *46.8*No. of Thermometer *51451* Cor. *0.1*Corrected temperature *46.5*Air *56* Surface *56* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS:

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*9-31-0**7-33-0**0*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



507  
 9478

No. *Ny 1995* Date *Sept. 3, 1900*

Tanner Machine. — Reel.

Turns *42* Cor. + *2* Depth *44*

Shot or lead *20 lb*

Bottom *G.*

Bottom temperature *46.8*

No. of Thermometer *51151* Cor.

Corrected temperature *46.5*

Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*9-50-30*

*9-51-30*

TURNS:

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*at 9:50/30 am. took 11 fms. wire  
 Dredge 3 fms. 10. 30. 30.  
 1. 30. 30.*

*Hauled in wire at 10.30.*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 1991* Date *Oct 1 1899*

*Sam* or Machine. — Reel.

Turns *46* Cor. + *2* Depth *48*

Shot or lead *20 lbs*

Bottom *C*

Bottom temperature *46.6*

No. of Thermometer *5145* Cor.

Corrected temperature *46.3°*

Air *56* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*cf. 10-40-30* *10-41-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. *3084* Date *Sept. 3/07*  
*Hand* Machine. — Reel.  
 Turns *46* Cor. + *2* Depth *46*  
 Shot or lead *20 lb*  
 Bottom *G + P. M.*  
 Bottom temperature *46.2*  
 No. of Thermometer *51451* Cor. *-0.3°*  
 Corrected temperature *45.9°*  
 Air *56* Surface *56* Drift. *per 4 1/2 hr*  
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.W.</i> <i>11-2-30</i>	<i>11-4-0</i>	0	<i>11-4-30</i>	<i>19-30</i>
		7		
		100	<i>10-0</i>	<i>11-16-0</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

*To start fish 6 2/3 miles*

No. *3088*Date *Oct 3/00*

Machine. — Reel.

Turns *116*, Cor. + *2*, Depth *118*.Shot or lead *35 lbs.*Bottom *G. S.*Bottom temperature *46.2*No. of Thermometer *51451* Cor.Corrected temperature *46.3*Air *56*, Surface *56*, Drift *1 m N E 1/4 N*Trawl or dredge or tangles *Small Net*

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

70

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*20-0**11-40-0*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

Brachyopoda shells - Star fish  
 Crinoids - Basket star fish  
 small Holothurians

Trawl down bad.



No. *Hy. 1992* Date *Sept 3/89.*

Tanner Machine. — Reel.

Turns *41* Cor. + *2* Depth *43*Shot or lead *20 lbs.*Bottom *Rky*Bottom temperature *47.5*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *47.2°*Air *59* Surface *56* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*A. 11**11-54-45 11-56-2**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

*At 11-54-45 11-56-2*  
*6 fms. 11-56-2*  
*Hauled in wire at 12-25-*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1993 Hydro. Date May 21 1897

Machine. — Reel.

Turns 29 Cor. + 1 Depth

Shot or lead 35

Bottom fine sh. s. - M. S.

Bottom temperature

No. of Thermometer 51461 Cor. - 0.3°

Corrected temperature 48.2°

Air 57° Surface 56° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

4 1/2 H. 25

4 1/2

0

2 31 51

2 31 45

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Cable - 2 Orange Rock Co.

1 Black Cord

1 Ring

Magna light house wire 1/2 B. (mag) dist 2.5.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. 3.

No. 1994 Hydro. Date Sept. 3<sup>d</sup> 1889

Tanner Machine. — Reel.

Turns 27 Cor. + 1 Depth

Shot or lead 20 lbs.

Bottom fine sand & shells

Bottom temperature

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.9°

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

Time  
V. H.

47.52	49.00	0		
48.10	4.48.25	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

recd

Catfish

Yaque a big 14 lb. (mag)  
distant 2.8

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1945* Date *Sept. 7/104*  
 Machine. Reel.

Turns *44* Cor. + *2* Depth *46*

Shot or lead *25 lbs.*

Bottom

Bottom temperature *fine. 74.85 R*  
*45.4*

No. of Thermometer *51451* Cor. - *0.3*

Corrected temperature *45.1°*

Air *63* Surface *60* Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

*3-27-0* *3-30-0*

# TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

# DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.





	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Hand Lead Machine. — Reel.

Turns — Cor. + — Depth 22 fms.

~~Shot or lead~~ 14#S-

Bottom freq. S.

Bottom temperature none taken -

No. of Thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature —————

*Air* 60°      *Surface* 56°      *Drift.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
14.35.10	14.35.30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 44. 1998 Date

Machine. Reel.

Turns — Cor. + — Depth 15

Shot or lead — Hand.

Bottom

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature —

Air 62 Surface 56 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

5-12-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Falcon 144 NW-3'-  
Drift while fishing from S.S. 3. 12. 0.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
 No. 3089 Date 1st 7th 1899  
 Machine. — Reel.

Turns — Cor. + — Depth 20 fms.

Shot or lead 14 lbs.

Bottom fine gy. S.

Bottom temperature none taken.

No. of Thermometer Cor. —

Corrected temperature

Air 62 Surface 56 Drift. 1 1/4 m N.

Trawl or dredge or tangles none

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.52.50	5.53.00	0	6-34-0	7-02-0
		100	40-0	6-53-30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10 fathoms over port and  
 taken in set 6.20 -  
 Catch. 11 Orange Rock Cod  
 2 Handlers -  
 Falcon Reel NW 1/2 W - 5 1/2'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

12. One lot - 13 Shrimps -  
 some young P. munda -  
 12. M. d. d.



#223

No. 3090 Dredge Date *Dec 11/11*

Tanner Machine. — Reel.

Turns 60 Cor 2 Depth 62 fms.

Shot or lead 35 lbs.

Bottom fine gy. S

Bottom temperature 46.1

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 45.8

Air 58° Surface 57° Drift. 1 1/2 m. N. S. W.

Trawl or dredge or tangles *large beam*

P.M.

SOUNDING WIRE.

TURNS.

P.M.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

8.18.20	20.20	0	8.22.00	19.01.15
18.50	8.19.10	100	26.15	57.00
		180	28.00	8.54.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*See record Reel. Ho. N 3 1/4 E - 15 1/4*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

1 Horn Cod - 12 - 1/2 sec. 3 species  
 4 flounders. Few shrimps

No. *3091* Date *Sept 8/89*  
*Tanner* Machine. — Reel.  
 Turns *84* Cor. + *3* Depth *87*  
 Shot or lead *20 lbs.*  
 Bottom *gy. m.*  
 Bottom temperature *none taken*  
 No. of Thermometer *51451* Cor. —  
 Corrected temperature —  
 Air *54* Surface *51* Drift. *2 1/2 in. East.*  
 Trawl or dredge or tangles *large beams*

SOUNDING WIRE.		TURNS.	A.W. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-20-0</i>	<i>5-20-0</i>	0	<i>5-35-0</i>	<i>23-0</i>
		100	<i>42-0</i>	<i>19-0</i>
		200	<i>48-0</i>	<i>6-16-0</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Cape Mearns (2.5 mi. N. of) des 10.*  
*Cape Lookout 252-18 1/2*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

7  
 100 Red Rock Lead. — 3 Specimens.  
 100 Pelicanoids. — 4 "  
 40 large Red Pelicanoids  
 1 pack " Prawns  
 3 small Pelicanoids  
 1/2 dz. Squid. —

547  
 No. 13092 Date Sept. 8/19  
 Tredge-  
 Vanner Machine. — Reel.  
 Turns 44 Cor. + 2 Depth 46  
 Shot or lead 20 lbs  
 Bottom H.  
 Bottom temperature 46.2  
 No. of Thermometer 51451 Cor. -0.3°  
 Corrected temperature 45.9  
 Air 54 Surface 56 Drift. 1 1/2 m E. S. 2  
 Trawl or dredge or tangles large beam.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4.29.10	7.50.10	0	6.00.10	28.25
		100	09.30	25.50
		120	10.50	8.25.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

11.20.30. — 11.20.30. Trawl and beam.  
 Change = Red & white. 10.20.30.  
 Hauled in beam at 8.00.30.  
 Cape Mearns E 27/8 S - 4.20.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

4 Species Flounders Plentiful.  
 3 Other small fishes Quite large.

No. 1999 Date Sept. 8 1881

Tanner Machine. Reel.

Turns 24 Cor. + 1 Depth 25 fms

Shot or lead 20 lbs.

Bottom gy

Bottom temperature

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 47.2°

Air 57° Surface 52° Drift.

Trawl or dredge or tangles

# SOUNDING WIRE.

DOWN.

UP.

## TURNS.

# DREDGE ROPE.

DOWN.

UP.

59

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

9.20

9.59.25

Cape Verde B.D. 1/4 E (Mag) dist 3.2 miles

14 fms 1000 fms

At 9.20 dory left ship for anchor landing - and

returned at 12.30.

Catch. net.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2000 Hydro. Date Sept. 8<sup>th</sup> 1889

Tanner Machine. — Reel.

Turns 17 Cor. + 1 Depth 18 fms

Shot or lead 25 lbs.

Bottom gy. S. rd. Sp.

Bottom temperature 41.9

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 48.4

Air 57° Surface 52° Drift.

Trawl or dredge or tangles

97

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.10.30

10.55

0

10.37

10.10.42

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Best is found under surface at  
10.10. - x hauled them in at 10.45.  
Catch - 21 fish 100 lbs. 1 large Dark Sp.

1 Blackish Red - 1 with x Red.  
1 Yel. 2 small white fish

Double Handed 7 lb WX 2 1/2 (may) dwt 2.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2001 Hydro. Date

inner Machine. — Reel.

Turns 17 Cor. + Depth

Shot or lead 20

Bottom

Bottom temperature

No. of Thermometer 51451. Cor.

Corrected temperature 48.

Air 57° Surface 51° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7 lead lines put over starboard side at 10.30 -  
 hauled in at 11.40 -

Catch - nil

Cape Mearns E.M.S. 1 mile

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

1709  
507

No. 2002 Date Sept. 8<sup>th</sup> 1889

Tanner Machine. — Reel.

Turns 15 Cor. + 1 Depth 16

Shot or lead 20 lbs.

Bottom fine g. s.

Bottom temperature 48.5°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 48.2

Air 57° Surface 53° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 51. 30		0		
51. 40	11. 51. 30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

12. 05  
 10 fms. net used  
 10 fms. net used  
 10 fms. net used

Cape Mudge 21 1/2 E (mag) 2 miles

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *44* 2002 Date *Feb 1 2002*

	Machine.	Reel.
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
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36		
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84		
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86		
87		
88		
89		
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		

Turns 20 Cor. + 1 Depth 21

Shot or lead 20 lbs

*Bottom*

Bottom temperature 1° 48 9

No. of Thermometer 5151 Cor. - 0.5°

Corrected temperature 46.0°

*Air* 54 *Surface* 56 *Drift.*

*Trawl or dredge or tangles*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. W.	DOWN.		UP.	DOWN.
12-20-0	12-21-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

## SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No.

Hy 2004

Date

Sept 8, 1899

Machine. — Reel.

Turns — Cor. + — Depth 18

Shot or lead *Nine 14 lb.*Bottom *fine gy. s.*

Bottom temperature

No. of Thermometer Cor. —

Corrected temperature.

Air *54* Surface *58* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

*P. W.*  
*1-20-0*

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*3'0 miles**5 x 2 1/8 2 bags**Large hook on**Does left ship with party to lead indicator at 1,200**returning at 1,300 -**Calch. wire**Caught = indicator**12' part of strand broken at 1,300.**12' part of strand broken at 1,300.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Dredge

No.

3093

Date

Sept 8/99

Machine.

Reel.

Turns 55 Cor. +

2

Depth

57

Shot or lead

20 lbs.

Bottom

fine gy S.

Bottom temperature

45.2

No. of Thermometer

57451

Cor. - 0.3

Corrected temperature

44.9

Air

52

Surface

50

Drift.

S 1/2 E 1/8 N

Trawl or dredge or tangles

Large beam

## SOUNDING WIRE.

DOWN.

UP.

2-22-0

2-23-30

TURNS.

0

100

175

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

## DREDGE ROPE.

DOWN.

UP.

1-28-0

37-0

49-0

3-0-0

At 3:07 feet 9 fms. lowered. High tide.  
 hauled in line at 3:25.  
 Ann. 2 ft. - 1 inch.

Stages 2000 yds. E. of S. 48 E. Magnetic N. 48 E.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *74.2005*Date *Sept 8/88*

Gannan

Machine. — Reel.

Turns *38*

Cor. +

*1*

Depth

*39*

Shot or lead

*20 lbs*

Bottom

*fine gy S.*

Bottom temperature

*47*No. of Thermometer *51451*

Cor.

Corrected temperature

*46.7°*

Air

*54*

Surface

*50*

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*3-37-0**3-38-0**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**3-5 fms of 1000 fms. on line.**Caught 2 Orange Bay. 2.01 —**Hauled in lines at 4.08.**Line bottom at 5 1/2 fms. 1 1/2 m.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
51 00		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Hy. 2007*

Date

*September 11/99*

Sinner

Machine.

Reel.

Turns

*18*

Cor. +

*1*

Depth

*19*

Shot or lead

*20 lbs.*

Bottom

*fine g. s. bk. sp.*

Bottom temperature

*48*

No. of Thermometer

*51451*

Cor. - 0.3

Corrected temperature

*47.*

Air

*51*

Surface

*48*

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

*7-4-0**7-5-0*

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Cape Lookout N N W 5/8 W buoy dis. 2.5 mi. 0**At 100 fathoms 7 fms. from shore 1/2 lead  
hauled down at 7:30  
11:00 AM*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *145001* Date *Sept. 1888*

Machine. — Reel.

Turns *21* Cor. + *1* Depth *21*

Shot or lead *20 lbs.*

Bottom *fine gy. S.*

Bottom temperature *48*

No. of Thermometer *51451* Cor. - *0.30*

Corrected temperature *47.7°*

Air *51* Surface *48* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>14-46-0</i>	<i>7-17-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2009 Haken. Date Oct  
 Land Lead Machine. — Reel.

Turns — Cor. + — Depth

Shot or lead 14 lbs.

Bottom

Bottom temperature

No. of Thermometer — Cor. —

Corrected temperature

Air. 51° Surface 1/4° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

North (mag) dir. 1.5 mi.  
 Haystack Rock

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2010 Name, Date

Sept 3<sup>rd</sup> 1891

Hand used Machine. - Reel.

Turns — Cor. +

Depth 12 fms

Shot or lead

Bottom fine sh. s

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air 57° Surface

Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7

No. of Sounding Wire 12 fms

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2011 Hyacin - Date Sept 12 1881

Machine. — Reel.

Turns 33 Cor. + 1 Depth 34

Shot or lead 20 lbs.

Bottom fine. co. S. sh.

Bottom temperature 48.7°

No. of Thermometer 51451 Cor. -0.3°

Corrected temperature 45.8°

Air 57° Surface 48° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	21.45	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2012 Hyl. n. Date

Tanner Machine. Reel.

Turns 50 Cor. + 2 Depth 52

Shot or lead 20 lbs.

Bottom gy S. S. S.

Bottom temperature

No. of Thermometer 5 Cor.

Corrected temperature 45.4

Air 52° Surface 48° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

10 15.30	11.30	0	
12.10	11.50	100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1000 Date Dec 10 1880

Machine. — Reel.

Turns 69 Cor. + 2 Depth 69 fms.

Shot or lead 20 lbs.

Bottom fine gy. S.

Bottom temperature 45.9

No. of Thermometer 5145 Cor. - 0.3

Corrected temperature 45.6

Air 52.0 Surface 48.0 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2014 Hydro. Date

Machine. — Reel.

Turns 57 Cor. + 2 Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer 51451 Cor.

Corrected temperature 45.4°

Air 55° Surface 50° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



*N. 3*  
5073

No. 2615 *Hydra*. Date *Sept. 17* 1887

*Tanner* Machine. — Reel.

Turns *47* Cor. *1 2* Depth *49 fms.*

Shot or lead *20 lbs.*

Bottom *crs. S.*

Bottom temperature *46.2*

No. of Thermometer *51451* Cor. *- 0.5*

Corrected temperature *45.9*

Air *55°* Surface *50°* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.44.05</i>	<i>45.30</i>	0		
<i>44.33</i>	<i>11.44.40</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2016* Date *Sept 9 1899**Cannon* Machine. — Reel.Turns *32* Cor. + *1* Depth *33*Shot or lead *20 lbs.*Bottom *fine gy. S.*Bottom temperature *46.5*No. of Thermometer *51451* Cor. *-0.30*Corrected temperature *46.20*Air *55* Surface *50* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.	UP.
<i>12-4-0</i>	<i>12-4-0</i>

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Ch. 12-06*  
*Caught*

*4 1/2 - 1/2 - 1/2 - 1/2*  
*2 1/2 - 1/2 - 1/2 - 1/2*

*12*  
*Hauled in line*  
*at 12.30 -*  
*Orange Red line*  
*2 1/4 2 1/4 2 1/4 2 1/4*  
*2 1/4 2 1/4 2 1/4 2 1/4*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 2018* Date *Oct 11 1911*

Machine. — Recl. —

Turns — Cor. + — Depth 23

Shot or lead 14 lbs. *Landed*

Bottom fine, gg s.

Bottom temperature *Stone Taper*

No. of Thermometer ————— Cor.

Corrected temperature —

*Air*      *SS*      *Surface*      *SD*      *Drift.*

Trawl or dredge or tangles -----

*Pete*, SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1-45-0

Q

100

200

300

400

500

600

700

800

400

1000

1100

1200

1300

1400

1500

1600

1700

1800

1000

2000

2100

2200

2200

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *Ny 2019* Date *Sept 9/00*

Tanner Machine. — Reel. —

Turns *49* Cor. + *2* Depth *5*Shot or lead *20 lbs.*Bottom *fine gy. s.*Bottom temperature *46.3*No. of Thermometer *51451* Cor. — *0*Corrected temperature *46.0°*Air *52* Surface *48* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*P.W. - 32 - 30 1 - 34 - 30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*in side.**may 10 1/2 miles**2-33 fms 10 fms and haul them in at 2:50 -**7 Bk. A. - H. brought.**Hay Cloud Road 24 3/4 E*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy 920* Date *Sept 21/07*  
*Tanner* Machine. — Reel. —

Turns *65* Cor. + *2* Depth *67*

Shot or lead *20 lbs*

Bottom *fine g. s.*

Bottom temperature *45.2*

No. of Thermometer *51451* Cor. —

Corrected temperature *45.5*

Air *52* Surface *48* Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>P. C. W.</i> <i>3-20-30</i>	<i>3-22-15</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Back rope 12.1-12.30*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2021* Date *Sept. 91.*

anner Machine. — Reel.

Turns *69* Cor. + *2* Depth *71*Shot or lead *20 lbs*Bottom *fine gy S brk sh.*Bottom temperature *45.5*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.2*Air *54* Surface *57* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

*3-45-30* *3-47-30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2022 Station. Date Aug 21 1881

Machine. — Reel.

Turns 50 Cor. + 2 Depth 52 fms

Shot or lead 20 lbs

Bottom bk

Bottom temperature 46.5°

No. of Thermometer 51451 Cor. - 0.3

Corrected temperature 46.2°

Air 55° Surface 50 Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

6.0 mi.  
NE 1/2 E (mag)  
Cascade Head

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



<i>Machine.</i>	<i>Reel.</i>
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Turns	—	Cor. +	—	Depth	Ref
1				10	
2				20	
3				30	
4				40	
5				50	
6				60	
7				70	
8				80	
9				90	
10				100	
11				110	
12				120	
13				130	
14				140	
15				150	
16				160	
17				170	
18				180	
19				190	
20				200	
21				210	
22				220	
23				230	
24				240	
25				250	
26				260	
27				270	
28				280	
29				290	
30				300	
31				310	
32				320	
33				330	
34				340	
35				350	
36				360	
37				370	
38				380	
39				390	
40				400	
41				410	
42				420	
43				430	
44				440	
45				450	
46				460	
47				470	
48				480	
49				490	
50				500	
51				510	
52				520	
53				530	
54				540	
55				550	
56				560	
57				570	
58				580	
59				590	
60				600	
61				610	
62				620	
63				630	
64				640	
65				650	
66				660	
67				670	
68				680	
69				690	
70				700	
71				710	
72				720	
73				730	
74				740	
75				750	
76				760	
77				770	
78				780	
79				790	
80				800	
81				810	
82				820	
83				830	
84				840	
85				850	
86				860	
87				870	
88				880	
89				890	
90				900	
91				910	
92				920	

Shot or lead 14 lbs Hand)

Bottom fine. Grav. S.

*Bottom temperature*

No. of Thermometer	Cor. —
1	—
2	—
3	—
4	—
5	—
6	—
7	—
8	—
9	—
10	—
11	—
12	—
13	—
14	—
15	—
16	—
17	—
18	—
19	—
20	—
21	—
22	—
23	—
24	—
25	—
26	—
27	—
28	—
29	—
30	—
31	—
32	—
33	—
34	—
35	—
36	—
37	—
38	—
39	—
40	—
41	—
42	—
43	—
44	—
45	—
46	—
47	—
48	—
49	—
50	—
51	—
52	—
53	—
54	—
55	—
56	—
57	—
58	—
59	—
60	—
61	—
62	—
63	—
64	—
65	—
66	—
67	—
68	—
69	—
70	—
71	—
72	—
73	—
74	—
75	—
76	—
77	—
78	—
79	—
80	—
81	—
82	—
83	—
84	—
85	—
86	—
87	—
88	—
89	—
90	—
91	—
92	—
93	—
94	—
95	—
96	—
97	—
98	—
99	—
100	—

Corrected temperature

*Air* 55 *Surface* 50 *Drift.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
01-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507 2.

No. 2024 Hydro. Date Sept. 9<sup>th</sup> 1887.  
Hand lead Machine. — Reel.

Turns — Cor. + — Depth 16 fms —  
Shot or lead 12 lbs.

Bottom fine gy. S. bk. Sp. M. Sh.

Bottom temperature none taken.

No. of Thermometer — Cor. —

Corrected temperature —

Air 55° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.28.50	5.29.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

hauled out. over 5.10.  
hauled in at 5.50.  
Catch - none.

N 1/2 W (mag) dis. 4.6 mi

Cascade Head

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 119 2025 Date Sept. 9

Machine. — Reel.

Turns 18 Cor. + 1 Depth 18

Shot or lead *25 lbs.* *8*

Bottom Rky & S<sub>h</sub>.

Bottom temperature 48

No. of Thermometer 51451 Cor. - 3.

Corrected temperature 47.3°

Air *55* Surface *49* Drift.

## Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6-16-30	6-17-30	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2072 Date

Machine. Reel.

Turns 28 Cor. 4 Depth

Shot or lead 207

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 49° Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2027 Hydro. Date Sep 11

Machine. — Reel.

Turns 40 Cor. + 2 Depth

Shot or lead 20 lbs.

Bottom

Bottom temperature 46.0

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.0

Air Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. 2021 Hydro Date Sept. 15 1881

Machine. — Reel.

Turns 13 Cor. + 0 Depth 13 fms.

Shot or lead 20 lb.

Bottom fine gy. S.

Bottom temperature 47.4°

No. of Thermometer 51451 Cor. - 0.2°

Corrected temperature 47.1°

Air 49° Surface 51° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.03.00	03.30	0		
3.10	8.03.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

hauled lines

hauled in at 8.15.

patch - net.

No. 1 Trawl

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1007  
 1111

No. *2722* Date *Sept 10 / 1891*  
 Tanner Machine. — Reel.

Turns *35* Cor. + *1* Depth *36*

Shot or lead *20 lbs.*

Bottom *fine gy. s.*

Bottom temperature *47*

No. of Thermometer *51451* Cor. *-0.3*

Corrected temperature *46.7*

Air *50* Surface *49* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-0-30</i>	<i>9-1-30</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*10 fathoms deep*  
*Red Spot Lead*  
*100 lbs.*

*Current at 9.13.*

*Drift 1/2 mi. 24 3/4 mi.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

#### REMARKS.

No. *Hy 2030* Date *Oct 1/01*Machine. Reel. *1*Turns *—* Cor. + *—* Depth *13*Shot or lead *14 lb. Hand*Bottom *fine gy. S.*Bottom temperature *Atmos. 61.0*No. of Thermometer *—* Cor. *—*

Corrected temperature

Air *52* Surface *49* Drift.Trawl or dredge or tangles *—*

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*07.00**9-16-0**At 9.07 fms 13  
Landed at 9.08**Sample taken at 13 fms**Sample taken at 13 fms*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *2031*Date *Sept 10/99*

Machine.

Reel.

Turns —

Cor. + —

Depth

*28*

Shot or lead

*14 lb. Hand*

Bottom

*fine gy. S.*

Bottom temperature

No. of Thermometer

Cor. —

Corrected temperature

Air

*52*

Surface

*49*

Drift.

Trawl or dredge or tangles

*How*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*10-45-0**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**0.4-10-46 11 fath 1000 fath - fine -**27 Orange Box lead**Caught**Crabs at 11.15-**Mr. Lynch River Bon L. 1/16 f. - 1/16 f. - 1/16 f. -*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2632* Date *Sept. 10 1882*

Machine.	Reel.	

Turns --- Cor. + --- Depth 28

~~Shot or lead~~ 14 lbs. 2. and

*Bottom* *Handwriting*

Bottom temperature \_\_\_\_\_

No. of Thermometer	Cor. —
1	0.0
2	0.0
3	0.0
4	0.0
5	0.0
6	0.0
7	0.0
8	0.0
9	0.0
10	0.0
11	0.0
12	0.0
13	0.0
14	0.0
15	0.0
16	0.0
17	0.0
18	0.0
19	0.0
20	0.0
21	0.0
22	0.0
23	0.0
24	0.0
25	0.0
26	0.0
27	0.0
28	0.0
29	0.0
30	0.0
31	0.0
32	0.0
33	0.0
34	0.0
35	0.0
36	0.0
37	0.0
38	0.0
39	0.0
40	0.0
41	0.0
42	0.0
43	0.0
44	0.0
45	0.0
46	0.0
47	0.0
48	0.0
49	0.0
50	0.0
51	0.0
52	0.0
53	0.0
54	0.0
55	0.0
56	0.0
57	0.0
58	0.0
59	0.0
60	0.0
61	0.0
62	0.0
63	0.0
64	0.0
65	0.0
66	0.0
67	0.0
68	0.0
69	0.0
70	0.0
71	0.0
72	0.0
73	0.0
74	0.0
75	0.0
76	0.0
77	0.0
78	0.0
79	0.0
80	0.0
81	0.0
82	0.0
83	0.0
84	0.0
85	0.0
86	0.0
87	0.0
88	0.0
89	0.0
90	0.0
91	0.0
92	0.0
93	0.0
94	0.0
95	0.0
96	0.0
97	0.0
98	0.0
99	0.0
100	0.0

Corrected temperature

Air 307 Surface 50 Drift.

### *Trawl or dredge or tangles*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-30-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Not 13*

No. 2033 Hydro. Date Sept. 10<sup>th</sup>

Tanner Machine. - Reel.

Turns 51 Cor. + 2 Depth 53 fms.

Shot or lead 20 lb

Bottom fine. cr. s.

Bottom temperature 46

No. of Thermometer 51451 Cor. 0.4

Corrected temperature 45.9

Air 52.0 Surface 51.0 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
14.50	16.20	0		
15.20	17.15.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

545 fms. 4.5

545 fms. 4.5

545 fms. 4.5

C. L. K. 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1507

No. 2084 Station Date Sept. 10<sup>th</sup> 1881

Machine. — Reel.

Turns 20 Cor. + 2. Depth 40 fms

Shot or lead 20 lbs

Bottom f.

Bottom temperature 47.0°

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 46.7°

Air 53 Surface 49 Drift.

Trawl or dredge or tangles

11 fath. 2000 yds. in standard and out 1000 yds.

Reported in 30° 1.20

Depth 5000 fms

Depth 5000 fms. 5 1/2 fms. 14.5'

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
14	15.30.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. *251* *Reels* Date *July 1881**1* Machine. Reel.Turns Cor. + Depth *11*Shot or lead *14 lb.*

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *53* Surface Drift.

Trawl or dredge or tangles

*1.7m* SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*1.46.00**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**Cape Gregory Lt. Ho. South (mag) 12.0'**10 fathoms wire 2 fathoms lead 12.0'**10 fathoms wire 2 fathoms lead 12.0'**10 fathoms wire 2 fathoms lead 12.0'*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
17.3

No. 2036 Hydro. Date Sept 10<sup>th</sup> 78

Tanner Machine. Reel.

Turns 22 Cor. + 1.00 Depth

Shot or lead 20 lbs

Bottom

Bottom temperature 4.

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 48.2°

Air 52° Surface 50° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Lead 80' 8.0'

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 28 Hydro. Date

Machine. Reel.

Turns — Cor. + Depth

Shot or lead

Bottom *fine gy.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *54* Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Cape Henry Lt. No 5 x 8 1/4 in. Aug 13. 51*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2 Under Date Oct 10 1881

Machine. Reel.

Turns Cor. + 1 Depth 24

Shot or lead 25 lb

Bottom

Bottom temperature 49.0°

No. of Thermometer 514. Cor. - 0.3

Corrected temperature 48.7

Air 54° Surface Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Lead Gregory S. No. 186 (long) 3.1'

8 fms down over sand and shells - 10 fms -  
 bottom of 10 fms -  
 Corals etc.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



507  
No. 10

507  
No. 10

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

2010

Date

Sept. 10/05

Tanner

Machine. -

Reel.

Turns 24 Cor. +

Depth 254

Shot or lead 20 lb.

Bottom Kk. &amp; Co.

Bottom temperature 46.4

No. of Thermometer 51451 Cor. -0.3

Corrected temperature 46.1

Air 55° Surface 52° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.31.35	33.6	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

8.20.10  
at 5.30  
Dredge  
at 5.00.

Reel off Cigwell 1/2 5.15.00.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2041 Hydro - Date Sept. 11

*Tanner Machine. — Reel.*

Turns 62 Cor. + 2 Depth 6'

Shot or lead 24

Bottom P.

Bottom temperature 4

No. of Thermometer 51451 Cor. -0.3

Corrected temperature  $45.8^{\circ}$

*Air* 51 *Surface* 50 *Drift.*

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.44.00	45.50	0		
44.30	6.44.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2042 Hydro. Date Sept. 10<sup>th</sup> 1881

Tanner Machine. — Reel.

Turns 130 Cor. + 4 Depth 134 fms.

Shot or lead 20 lbs.

Bottom fm. gy. e

Bottom temperature 45.0

No. of Thermometer 51451 Cor. - 0.3°

Corrected temperature 44.7

Air 55° Surface 51° Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

DOWN.

UP.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

7 40.50	44.30	0
42.00	43.20	100
42.30	7 42.40	200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

Cape Oxford Light 1/2 S. 1/2 W.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



677

No. *Hy 2043* Date *Sept. 10/89.*

*Tanner* Machine. Reel.

Turns *160* Cor. + *5* Depth *165*

Shot or lead *30 lbs.*

Bottom *bk. S.*

Bottom temperature *45*

No. of Thermometer *57451* Cor. *-0.3*

Corrected temperature *44.7°*

Air *54* Surface *52* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-58-0</i>	<i>8-45-0</i>	0		
<i>40-0</i>	<i>43-0</i>	100		
<i>41-0</i>	<i>8-41-30</i>	<i>60</i> 200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Line below right bore J. & J. C. Mac

Midnight.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *Hy. 2045* Date *Sept. 10/89.**Tanner* Machine. Reel.Turns *228* Cor. + *6* Depth *234*Shot or lead *20 lbs.*Bottom *bk. S.*Bottom temperature *42.5*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *42.2°*Air *54.* Surface *54* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*10-16-0**25-0*

0

*18-0**23-30*

100

*19-15**22-30*

200

*20-0**10-20-30*

28

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2200 Date Sept 11 1881

Sigsbee Machine. 2 Reel.

Turns 351 Cor. 133 - Depth 384 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature 40.2°

No. of Thermometer 51451 Cor. -0.1°

Corrected temperature 40.1°

Air 56° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.37.20	55.45	0		
39.05	52.30	100		
41.00	50.05	200		
42.50	48.25	300		
43.55	12.47.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

#### SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1152

No. 2046 Hyd. Date Sept. 11<sup>th</sup> 1889.

Tanner Machine. — Reel.

Turns 112 Cor. + 4. Depth 116 fms

Shot or lead 20 lbs

Bottom cr. M

Bottom temperature

No. of Thermometer 51451 Cor. - 0

Corrected temperature 44.9°

Air 56° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.54.50	58.00	0		
56.00	57.00	100		
56.20	2.56.35	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.



No. 2047 *Hydro.* Date *Sept. 11<sup>th</sup> 1887.**Tanner* Machine. — Reel.Turns *62* Cor. + *2* Depth *64 fms.*~~Shot or lead~~ *20 lbs*Bottom *C*Bottom temperature *46.3°*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *46.0°*Air *55°* Surface *50* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>54.30.</i>	<i>56.00</i>	0		
<i>55.05</i>	<i>3.55.20</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Cape Henry Light N.E. 1/2 E. 1/2 M. 1/2*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507  
 No. *Ty. 2048* Date *Sept. 11/09*  
 Tannor Machine. — Reel.

Turns *44* Cor. + *2* Depth *46*

Shot or lead *20 lbs.*

Bottom *fine gg. S.*

Bottom temperature *46.1*

No. of Thermometer *51451* Cor. *-0.3°*

Corrected temperature *45.8°*

Air *51* Surface *51* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-17-30</i>	<i>6-19-0</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Cape Gregory Light House bore E. 3/8 S. (mag)  
 distant 4.2.*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

# REMARKS.

No. *Hy. 2049*

Date

*Sept. 11/89.**Tanner* Machine. — Reel.Turns *66* Cor. + *2* Depth *68*Shot or lead *20 lb*Bottom *C.*Bottom temperature *46*No. of Thermometer *51451* Cor. *-0.3°*Corrected temperature *45.7°*Air *51* Surface *51* Drift.

Trawl or dredge or tangles

## SOUNDING WIRE.

## TURNS.

## DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

*Am**7-11-0**7-14-0*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

# SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.